

ABSTRACT OF THE DISCLOSURE

An alkaline storage battery having a negative electrode made from a hydrogen absorbing alloy represented by the formula $\text{Ln}_{1-x}\text{Mg}_x\text{Ni}_y\text{M}_a$ (where Ln is at least one element selected from rare earth elements, M is at least one element selected from the group consisting of Al, V, Nb, Ta, Cr, Mo, Mn, Fe, Co, Ga, Zn, Sn, In, Cu, Si and P, $0.05 \leq x < 0.20$, $2.8 \leq y \leq 3.9$ and $0.10 \leq a \leq 0.50$) and carbon as a conductive agent, a positive electrode of nickel hydroxide as an active material, and an alkaline electrolyte, and the alkaline storage battery contains not greater than 0.01 weight % of hydrogen or not greater than 0.13 weight % of water in the hydrogen absorbing alloy when the battery is activated and is discharged to 1.0 V at one hour rate (It).